(i) Six scientist A, B, C, D, E, & F want to demonstrate an integrated experiment based on inter disciplinary approach.
(ii) Their disciplines are Chemistry, Zoology, Botany, Physics, Geology and Mathematics, but not necessarily in this order.
(iii) Each day only one scientist will perform the part of his discipline.
(iv) The experiment will start on Monday and end on Sunday. One day which otherwise is a part of the experiment.
(v) Chemistry will be on the very next day of Geology.
(vi) A, who is a Mathematician, can be slated for performing either on the second day or the last day. However, his day should not be immediately preceded by Botany.
(vii) C will demonstrate on the third and Physics will be on the fifth day.
(viii) E who is a Zoologist performs on the second day.
(ix) B performs on Monday and after F's performance will be rest day.

1) ON which day will the Chemist perform?
(A) Monday
(B) Friday
(C) Sunday
(D) Saturday
(E) None of these

2) The experiment will start with which of the following disciplines?
(A) Zoology
(B) Geology
(C) Mathematics
(D) Chemistry
(E) None of these

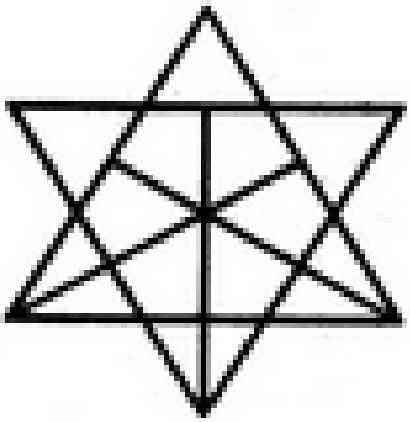
3) Which day will be the rest day?
(A) Tuesday
(B) Thursday
(C) Saturday
(D) Cannot be determined
(E) None of these

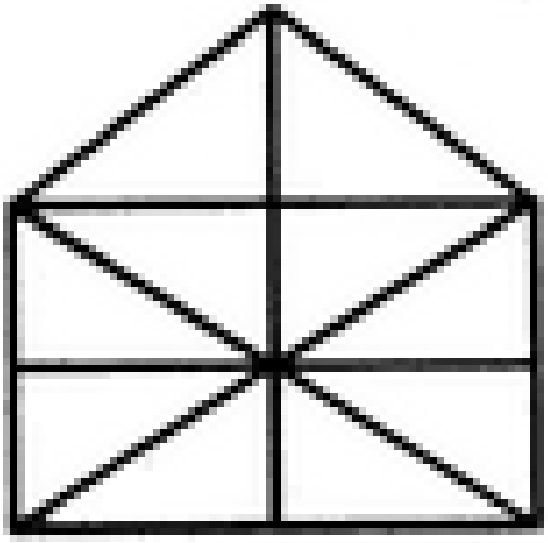
4) Physics will be preceded by
(A) Chemistry
(B) Zoology
(C) Botany
(D) Geology
(E) None of these

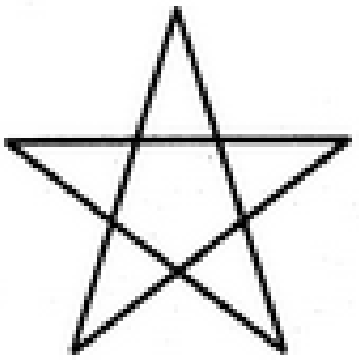
5) Which of the following is the correct sequence of scientist's performing
(A) BEDCFA
(B) BCEFDA

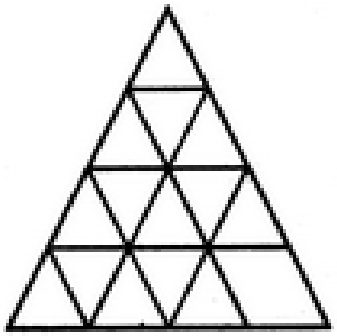
(C) AFDECB
(D) BECDFA
(E) None of these

Find the number of triangles in the given figure.

1. 

2. 

3. 

4. 

5.